## **EUROPEAN PATENT OFFICE**

## **Patent Abstracts of Japan**

. PUBLICATION NUMBER

11268404

**PUBLICATION DATE** 

05-10-99

**APPLICATION DATE** 

23-03-98

APPLICATION NUMBER

10074441

APPLICANT: MITSUI CHEM INC;

INVENTOR: WANIBE HIROTAKA;

INT.CL.

: B41M 5/00 B32B 27/36 C08J 5/18 C08K 3/00 C08L 67/02 C08L 67/04

TITLE

: INK JET RECORDING FILM

ABSTRACT :

PROBLEM TO BE SOLVED: To have superior mechanical strength, durability, and an accuracy of the thickness, and avoid accumulation from occurring in the natural

environment after disposal.

SOLUTION: The film contains at least one kind of 3-25 pts.wt. inorganic filler selected from a group consisting of 100 pts.wt. aliphatic polyester, titanium oxide of an average grain diameter of 0.1-0.5 μm, calcium oxide of an average grain diameter of 0.3-6 μm, barium sulfate of an average grain diameter of 0.1-2 µm, silica of an average diameter of 1-12  $\mu$ m, kaolin of an average grain diameter of 0.5-10  $\mu$ m, and a total of an average of 0.1-10 μm, a 0.1-2 pts.wt. lubricant. In this case, an ink receptor layer is provided on at least one surface of a biaxially stretched alphatic polyester film having a thickness of 0.01-0.5 mm.

COPYRIGHT: (C)1999,JPO